



{In Archive} Fw: Auburn - Amendment No. 5 Comprehensive Groundwater Sampling Event

David A Eckhardt

to:

Isabel Rodrigues

04/15/2010 11:08 AM

Cc:

kjkelly, "Joe Mayo"

Hide Details

From: David A Eckhardt <daeckhar@usgs.gov>

To: Isabel Rodrigues/R2/USEPA/US@EPA

Cc: kjkelly@gw.dec.state.ny.us, "Joe Mayo" <MayoJJ@cdm.com>

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Hi Isabel,

I corrected a typo in comment 2 (from my previous email).

Here are three comments on the proposed GE/OBG groundwater sampling event:

1. The sampled well list does not include these key wells—

B-30D3 (deep well up-gradient of deep Powerex source)

B-47D3 (VOCs detected on EPA-6 to EPA-7 line)

B-48-D3

B-49 S through D3 (6-well cluster at Pinckney Road with VOCs detected at various levels)

2. We need to see a list of wells for their comprehensive water-level measurements on May 11. In the past they have not measured shallow (S) wells, for which some subset of wells is needed for the RI characterization of the shallow-aquifer system flow (e.g., **B-29S through B-34S**).

3. On the Federal side, I see 12 EPA-ERT Westbay wells, 11 EPA-CDM Westbay wells, and 14 residential/supply wells for water levels on May 11. That is too much for one team, and I would propose that USGS can cover the EPA-ERT Westbay wells and the residential/supply wells. USGS can field a second team (with a Westbay tool rental), or we could assist CDM with their rental to cover the 11 EPA-CDM Westbay wells.

--Dave

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 Date: 04/14/2010 02:06 PM
 Subject: Auburn - Amendment No. 5 Comprehensive Groundwater Sampling Event

Good afternoon Isabel:

Based on my understanding, EPA would like to complete the Comprehensive Groundwater Sampling Event associated with the second phase of Amendment No. 5 in May or early June 2010. Based on this, we plan to complete this sampling event in conjunction with the second quarter groundwater sampling event associated with the Interim Action Monitoring Program in mid May 2010. This is most efficient for us since there is redundancy between the programs.

Although we have not yet received comments and/or approval of the Amendment No. 6 scope of work from NYSDEC (as you recall Amendment No. 6 proposed an alternative sampling schedule for the comprehensive sampling event), we would like to schedule this sampling event for May 11 through 20, 2010.

If we continue to delay the scheduling of this sampling event, we will miss the mid May window of opportunity due to personnel availability and scheduling conflicts. The next available window of opportunity would not be until late June or early July.

Based on the above, we have developed the attached table which summarizes the required components of the sampling event. In addition, we have identified target sample dates for each of the wells to facilitate coordination between all involved parties.

In developing the schedule, we have made the following assumptions:

1. A comprehensive round of water level measurements will be obtained from all RI related wells in conjunction with our routine quarterly event on May 11, 2010.
2. EPA/CDM would be available to sample EPA-1D3 and EPA-2D3 on May 17 or 18 so we can collect our samples from the westbay setup.
3. We plan to have two sampling teams and an adequate supply of field equipment so that we can minimize downtime associated with pump decontamination, etc.

I anticipate that either Joe Mayo or John Dougherty will contact me to coordinate the sampling program.

In addition, it would be helpful if we could get a list of the wells that EPA plans to sample and the parameters that they will be analyzing for (EPA well locations) and also if EPA plans to collect splits from any of GE's wells.

Thank you.

Also, keep in mind that May in upstate New York is a nice time of the year to visit. Don't forget your field boots.

Ralph

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[attachment "AP_WPA #5 Comprehensive Sampling Schedule-May 2010.pdf" deleted by David A Eckhardt/WRD/USGS/DOI]